



PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/047,724
Sheet	1	of	1	Filing Date	January 15, 2002
				First Named Inventor	Vince Hilser
				Art Unit	1631
				Examiner Name	Not Yet Assigned L4
				Attorney Docket Number	HO-P02070US1

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
CR	AA	US-6,403,312-B1	06-11-2002	Dajiyat et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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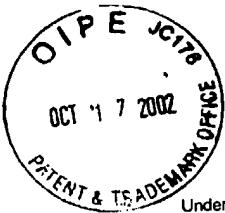
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CR	CA	Delagrange et al, "Searching Sequence Space to Engineer Proteins: Exponential Ensemble Mutagenesis," Bio/Technology Vol. 11, December 1993, pp. 1548-1552.			

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Examiner Signature		Date Considered	7/21/04
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/047,724
				Filing Date	January 15, 2002
				First Named Inventor	Dr. Vince Hilser
				Group Art Unit	1631
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Sheet	3	of	4	Attorney Docket Number	HO-P02070US1

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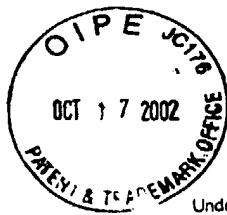
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CA1	Murzin, Alexey G., et al.; Communication - SCOP: A structural Classification of Proteins Database for the Investigation of Sequences and Structures; J. Mol. Biol. (1995) 247, 536-540
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CD1	Pochapsky, Thomas C., et al.; A chromatographic approach to the determination of relative free energies of interaction between hydrophobic and amphiphilic amino acid side chains; Protein Science (1992), 1, 786-795
CE1	Rice, Danny W., et al.; A 3D-1D Substitution Matrix for Protein Fold Recognition that Includes Predicted Secondary Structure of the Sequence; J. Mol. Biol. (1997) 267, 1026-1038
CF1	Sadqi, Mourad, et al.; The Native State Conformational Ensemble of the SH3 Domain from a-Spectrin; Biochemistry 1999, 38, 8899-8906
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CH1	Swint-Kruse, Liskin, et al.; Temperature and pH Dependences of Hydrogen Exchange and Global Stability for Ovomucoid Third Domain; Biochemistry 1996, 35, 171-180
CI1	Xie, Dong, et al.; Structure Based Prediction of Protein Folding Intermediates; J. Mol. Biol. (1994) 242, 62-80
CJ1	Wrabl, James O., et al.; Thermodynamic propensities of amino acids in the native state ensemble: Implications for fold recognition; Protein Science (2001), 10:1032-1045

Examiner Signature	<i>C. Lee</i>	Date Considered	7/21/04
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Sheet

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CH	CA	Hilser, Vincent J., et al.; Structure-based Calculatin of the Equilibrium Folding Pathway of Proteins. Correlation with Hydrogen Exchange Protection Factors; J. Mol. Biol. (1996) 262, 756-772	
	CB	Gribskov, Michael, et al.; Profile analysis: Detection of distantly related proteins; Proc. Natl. Acad. Sci. USA Vol. 84, pp. 4355-4358, July 1987, Biochemistry	
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	CD	Hilser, Vincent J., et al.; The structural distribution of cooperative interactions in proteins: Analysis of the native state ensemble. Proc. Natl. Acad. Sci. USA, Vol. 95, pp. 9903-9908, August 1998, Biophysics	
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	CF	Altschul, Stephen F., et al.; Gapped BLAST and PSI-BLAST: a new generation of protein database search programs. Nucleic Acids Research, 1997, Vol. 25, No. 17, pages 3389-3402	
	CG	Anfinsen, Christian B., Principles that Govern the Folding of Protein Chains; SCIENCE, Vol. 181, No. 4096, pages 223-230, July 20, 1973	
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	CJ	Baldwin, Robert L.; Temperature dependence of the hydrophobic interaction in protein folding; proc. Natl. Acad. Sci. USA, Vol. 83, pp. 8069-8072, November 1986, Biochemistry	
	CK	Chamberlain, Aaron K., et al.; Detection of rare partially folded molecules in equilibrium with the native conformation of RNaseH; Nature Structural Biology, Vol. 3 (9), pages 782-787, September 9, 1996	
	CL	Cohen, Fred E.; Protein Misfolding and Prion Diseases; J Mol. Biol. 293:313-320, 1999	
	CM	D'Aquino, J. Alejandro, et al.; Research Articles: The Magnitude of the Backbone Conformational Entropy Change In Protein Folding; PROTEINS: Structure, Function, and Genetics 25:143-156 (1996)	
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	CO	Fink, Anthony L.; Chaperone-Mediated Protein Folding; Physiological Reviews, Vol. 79 (2), April 1999 42 - 449	
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	CT	Jackson, Sophie E.; How do small single-domain proteins fold?; Folding & Design 3:R81-R91, August 1, 1998	
	CU	Jaravine, Victor A., et al.; Microscopic stability of cold shock protein A examined by NMR native state hydrogen exchange as a function of urea and trimethylamine N-oxide; Protein Science 9:290-301, 2000	

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